



2018

ANNUAL
REPORT



CEPRI

Centre Européen de
Prévention du Risque d'Inondation



EDITORIAL OF THE PRESIDENT

Mr. Noël Faucher,

President of CEPRI
Mayor of Noirmoutier-en-L'Île
President of the community of communes
of the island of Noirmoutier

Having been recently elected by the governing bodies of our international association, it is with great pleasure that I take up the baton from outgoing President Marie-France Beaufile. I would firstly like to commend her for her unwavering commitment and for the quality of the work she has accomplished, proclaiming the vulnerability of our territories against the risk of flooding loud and clear, following in the footsteps of her predecessor, and founder of CEPRI, Eric Doligé. I too will continue to work tirelessly towards the prevention of the number-one natural risk in France, drawing on my experience as mayor of a commune just off the French coastline, and conscious of the fact that climate change is weakening our territories at increasingly alarming levels. Whilst planning and development remain critical challenges, by seeking the right balance between attractiveness and resilience, CEPRI is and will remain a forerunner in the development of ambitious policies that respond to all types of flood risks.

How? By maintaining a level of trust between the government and regional authorities, providing food for thought for national debate, and implementing the necessary foundations to successfully carry out coordinated actions between players, both on a national and local scale, taking the specific factors of each region into account. This relationship of trust is based on an open dialogue, promoting the exact type of proactive and innovative policy that risk prevention requires. Part of our role as a national association is also to offer our own suggestions and proposals to our partners within the context of a balanced relationship. Driven by this constructive mindset, respectful of every region's right to express its own views, CEPRI was involved in the development of the draft Risk Prevention Plan decree, proposed amendments to the 2019 French Finance Act on the Barnier Fund in partnership with the AMF (French financial market authority), set up a working group on coastal risks, initiated a new partnership with the Directorate-General for Planning, Housing and Nature, and also actively participated in the preparation of the National Conference on Natural Risks, which took place in Montpellier in March 2019.

CEPRI prides itself on the exceptional work accomplished year on year by its multidisciplinary team and 2018 has been no exception, with the association continuing to provide insights, share experiences, and promote good practices. Over the last few months, we have therefore expanded our extensive collection of around thirty publications with two new guides: «Forecasting and anticipating flooding» and «The health sector in the face of flood risks». Driven by our concern for the need to respond to regional needs in terms of flood risk prevention, CEPRI has continued in its mission to raise awareness through the creation of methodological guides.

2019 will see us delve even deeper into our substantive work, calling for the development of public policies with sufficient budgetary resources, even if the electoral calendar (upcoming European deadlines) risks, as always, delaying various decisions. The risk of flooding won't wait and it's everyone's responsibility. It is with this mentality that CEPRI will continue to work tirelessly over the coming months, seeking to explore new areas of prevention policy, whilst supporting its members in pursuing ambitious strategies in relation to the challenges outlined.

SOMMAIRE

2018,
KEY EVENTS

P.3

STRUCTURE OF
OUR ASSOCIATION
THE TEAM

P.4

PARTICIPATION
IN A PLETHORA
OF EVENTS
DURING 2018

P.8

ACTIVITIES
IN 2018

P.10

2018 FINANCIAL
REPORT

P.19



2018

KEY EVENTS



A change of presidency

Proposed amendments to the 2019 Finance Act on the Barrier Fund in partnership with the AMF



A reinforced **technical team**

Two new guides published

A new partnership with the Directorate-General for Planning, Housing and Nature

New topics explored: multi-benefit solutions, nature-based solutions and coastal risks

The **reduction of enhanced vulnerability**



Initial preparations for the 4th National Conference on Natural Hazards

Active participation in the drafting of the PPRi decree

Regular **media coverage**

STRUCTURE

OF OUR ASSOCIATION

THE BOARD OF DIRECTORS ON 31 DECEMBER 2018

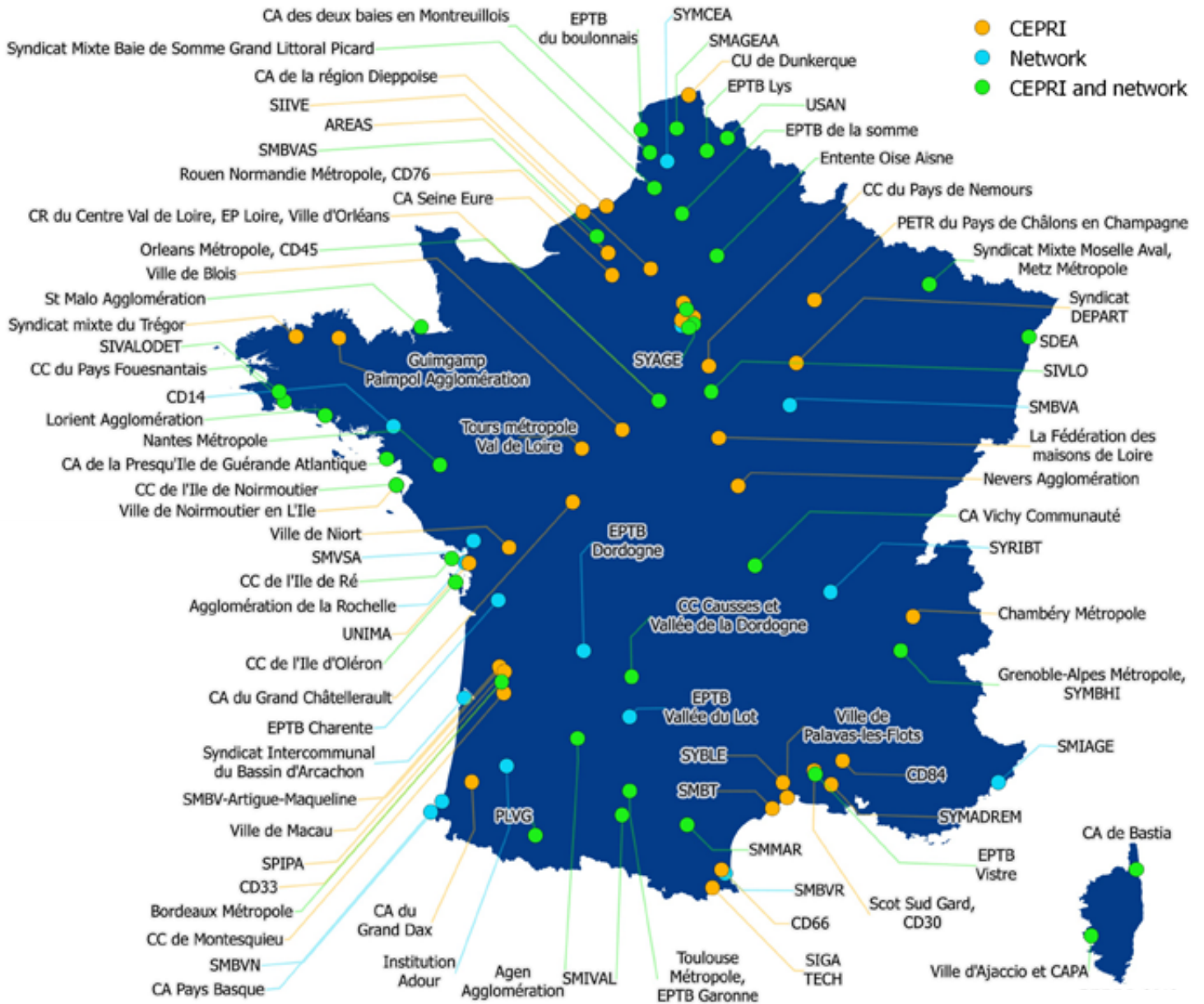
- **President**, Mr. Noël Faucher, City of Noirmoutier en l'Île.
- **Vice-President**, Ms Marie-France Beaufile, AMF, Honorary Senator.
- **Vice-President**, Mr. Gérard Malbo, Loiret County Council.
- **Treasurer**, Mr. Alain Chambard, SyAGE.
- **Secretary-General**, Ms. Stéphanie Anton, City of Orléans.
- **Directors**, Mr. David Belliard, EPTB Seine Grands Lacs, Mr. Christian Braux, Orléans Metropolitan Authority, Mr. Michel Cortinovis, SMBVAS, Mr. Daniel Fréchet, EP Loire, Mr. Bernard Lenglet, French Association of Local Public Basin Establishments, Ms. Stéphane Haussoulier, Syndicat Mixte Baie de Somme – Grand Littoral Picard, Mr. Daniel Benquet, ADCF, Mr. Jean-Louis Léonard, UNIMA.

OTHER MEMBERS

- A** Agglomeration of Nevers, Assembly of French Departments (ADF), French Association of the Council of European Municipalities and Regions (AFCCRE), French Association for Natural Disaster Prevention (AFPCN), Association of French Regional Engineers (AITEF), Assembly of French communes (ADCF), AREAS,
- B** Bordeaux Metropolitan Authority,
- C** Pyrénées-Orientales County Council, Gard County Council, Val-de-Marne County Council, Seine-Maritime County Council, Vaucluse County Council, Gironde County Council, Centre Val de Loire Regional Council, Causses et Vallée de la Dordogne Combined District Council, Île d'Oléron Combined District Council, Île de Noirmoutier Combined District Council, Île de Ré Combined District Council, Montesquieu Combined District Council, Pays Fouesnantais Combined District Council, Pays de Nemours Combined District Council Urban Community of Agen, Urban Community of Bastia, Urban community of Deux baies en montreuillois, Urban Community of Pays Ajaccien – CAPA, Urban community of Seine Eure, Urban community of Grand Dax, Urban community of the Guérande Atlantic peninsula, Urban Community of Vichy, Urban Community of Grand Châtelleraut, Urban Community of Dieppe, Normandy Region, Urban Community of Dunkerque, Chambéry Metropolitan Authority,
- E** Oise-Aisne Coalition, Orly-Rungis Seine Amont Public Development Association (EPA ORSA), Regional public establishment of the Vistre basin,
- F** National Federation of licensing and governing authorities (FNCCR), National Federation of the open-air hotel industry (FNHPA), Federation of Loire housing in the Centre Region, France Dignes,
- G** Guingamp-Paimpol Armor-Argoat Agglomeration, Grenoble-Alpes Metropolitan Authority – La METRO,
- L** Lorient Agglomeration,
- M** Natural hazards mission (MNR), Metz Metropolitan Authority, Rouen Normandy Metropolitan Authority (CREA),
- N** Nantes Metropolitan Authority,
- O** Order of expert surveyors,
- P** Pole of Territorial and Rural Balance of the Pays de Châlons en Champagne,
- S** Saint-Malo agglomeration, SIVALODET, Alsace-Moselle Water and Sanitation Association (SDEA), Joint Association of aquatic zones and rivers (SMMAR),



MAP OF MEMBERS



Organisations with national jurisdiction

- Assemblée des communautés de France
- Assemblée des départements de France
- Association des ingénieurs territoriaux de France
- Association française des EPTB
- Association des maires de France
- AFPCN
- AFCCRE
- FNHPA
- FNCCR
- France Dignes
- Ordre des géomètres experts
- Mission risques naturels
- Villes de France



Ile-de-France

CEPRI members

- CD94
- Ville de Gennevilliers
- SIAVB
- Etablissement Public d'Aménagement Orly Rungis - Seine Amont

CEPRI and network members

- Ville de Paris
- SIVOA

Network members

- SIAHVY



Joint Association for planning and management of Boulogne waters (SYMSAGEB), Joint Association of SCoT Sud-Gard, Joint interregional Association of delta dyke planning (SYMADREM), Joint Association of Artigue-Maqueline watersheds, Joint Association for the study of the Garonne (SMEAG), Joint Association of the Orge valley (SIVOA), Joint Association for the development and management of Aa waters (SMAGEAA), Joint Association of the Pays de Lourdes Vallées de Gaves (PLVG), Joint Association for the planning and enhancement of the Somme basin (AMEVA), Inter-departmental Joint Association of the Lèze valley (SMIVAL), Joint Association of the Bièvre watershed (SIAVB), Joint Association of Trégor, Joint Association of the Vallée du Loing (SIVLO), Joint Association of the Thau watershed (SMBT), Joint Association of the SAGE de la Lys (SYMSAGEL), Joint Association of the Moselle Aval, Joint Association of the hydraulic basins of the Isère (SYMBHI), Inter-county and interdepartmental Association of the Epte valley (SIIVE), Single-purpose Association for the management and development of the Tech (SIGA Tech), Association for flood protection of Ambès peninsula (SPIPA), Association of the Lez basin (SYBLE), Association for the study, programming and planning of the region of Troyes - DEPART association,

- T** Toulouse Metropolitan Authority, Tours Métropole Val de Loire,
- U** Trade Union of Hydraulic Development of the North of France (USAN),
- V** City of Macau, City of Paris City of Blois, City of Gennevilliers, City of Ajaccio, Cities of France, City of Niort, City of Palavas les Flots.

LIFE OF THE ASSOCIATION IN 2018

> 3 BOARD OF DIRECTOR MEETINGS

27 March, 29 May and 10 October.

> 3 MANAGEMENT COMMITTEE MEETINGS

13 February, 16 April and 12 December.

> 1 GENERAL MEETING

3 July followed by an event on
**«The mutation of cities and territories.
 A necessary movement towards actions
 to reduce vulnerability.»**



THE WORK OF THE COMMITTEE OF EXPERTS

CEPRI's Committee of Experts (established in 2012) is an advisory body that examines the technical and scientific strategies proposed by the organisation. Utilising the know-how of leading specialists in flood risk management, the Committee of Experts is able to provide proven expertise to uphold the high quality of CEPRI'S discussions. The Committee of Experts meets two to three times a year to discuss subjects approved by the Board of Directors. The session is overseen by the CEPRI team. The CEPRI Committee of Experts currently has 11 members.

André Bachoc, Head of the Central Service of Hydrometeorology and support for Flood Forecasting (SCHAPI).

Jean-Marc Février, Lawyer, Professor of Public Law at the University of Perpignan.

Emmanuel Garnier, Lecturer in Modern History at the University of Caen, Lecturer-Researcher at CRHQ, Visiting Professor at the University of Cambridge (Clare Hall College).

David Goutx, Director of Météo-France interregional organisation.

Frédéric Grelot, Researcher-Economist at IRSTEA.

Eric Daniel-Lacombe, Architect.

Julien Langumier, Doctor of Ethnology, Head of DDTM 13.

Bruno Ledoux, Consultant in the field of flood risk prevention.

Magali Reghezza, Lecturer at the Ecole Normale Supérieure.

Serge Tisseron, Psychiatrist, doctor of psychology, founder of the Institute for History and Memory of Catastrophes (IHMeC) / clinical psychologist, member of the IHMeC.

Freddy Vinet, Professor of Geography at the University of Montpellier III.

IN 2018, CEPRI ORGANISED AND HOSTED TWO CONFERENCES:

«How far should awareness become institutionalized?»

25 June 2018

«Spatial Planning, flood prevention and management of aquatic environments»

7 December 2018

THE TEAM

> 7 PERMANENT MEMBERS

- **Stéphanie Bidault** (in office since 1st February 2007) Director,
- **Valérie Griffon** (in office since 22 November 2010) Executive Assistant,
- **Anne-Laure Moreau** (in office since 1st October 2008) Project Manager,
- **Rodolphe Pannier** (in office since 9 March 2009) Project Manager,
- **Margaux Knispel** (in office since 6 October 2017) Project Manager,
- **Thibaud Langer** (in office since 2 November 2017) Project Manager,
- **Gloria Sara Lazaro-Climent** (in office since 20 November 2017) Project Manager.

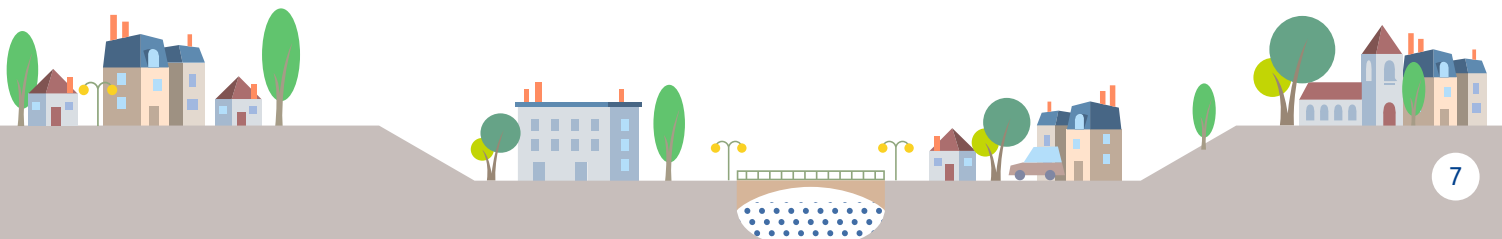


> 1 CIFRE PHD STUDENT

Solène Leray – PhD student – 3-year fixed-term contract from 08/01/2018 to 07/01/2021.

> 1 INTERNSHIP

Dominique Falliero – Compulsory assignment as part of a specialist PAPDD MA course, «Public Policies and Actions for Sustainable Development» from 05/03/2018 to 22/06/2018 on «Solutions with multiple benefits, vectors of improving resilience to flood risk?».



2018

PARTICIPATION IN A PLETHORA OF EVENTS DURING

JANUARY

23/ Participation in the presentation of the 2nd OECD report «Preventing the flooding of the Seine in the Paris-Île de France Region»

FEBRUARY

8/ Joint Flood Commission

13/ CEPRI Management Committee meeting

14/ Meeting to set up a UIA project with Orléans Métropole

16/ PAPI/SLGRI technical meeting

MARCH

14/ Conference in Perpignan on coastal risks

20/ Workshop on co-designing deployment scenarios of local support platforms for the delegated management of flood protection infrastructures, organised by the EP Loire in Orléans

21/ Conference organised by the Federation of Private Housing

20, 21 and 22/ Working Group F, in Paris

23/ Steering Committee Urban Planning Prize

27/ CEPRI Board of Directors

28/ Steering Committee National Conference on Natural Hazards

28/ DGSCGC Training

APRIL

4/ Technical conference of France Dignes in Saint-Brieuc

5/ Joint Flood Commission

10/ PAPI/SLGRI technical meeting

13/ Participation in setting up France's international water supply and sanitation strategy

16/ CEPRI Management Committee meeting

17/ Flood Commission of the Regional Risk Coordination Committee organised by the PACA Regional Council in Marseille

17/ Steering Committee Urban Planning Prize

20/ National working group on Hydraulic Facilities

MAY

15/ «Reducing vulnerability» Steering Committee meeting

15/ Presentation of CEPRI's GEMAPI jurisdiction mission to the IGA and CGEDD

16/ AFD Conference «Resilience and adaptation to climate change»

17/ CEPRI training

23/ COFIL territorial workshops /DGALN

29/ CEPRI Board of Directors meeting

29/ 10th Technical conference of forecasters from the Loire Public Institution and SPC Loire, Cher, Indre

30/ Working Group on national hazard studies

JUNE

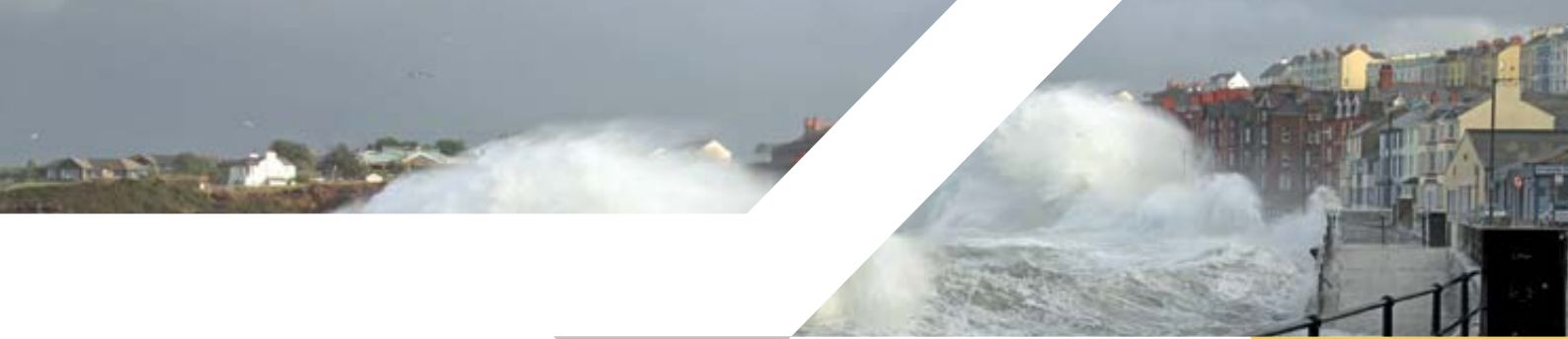
4, 5 and 6/ Community of Users in Bruxelles

5/ Meeting with a delegation from Montreal in Paris

7/ Speech at IS Rivers Conference

7 and 8/ CNFPT training on essentials of the flood risk in Montpellier





- 13/** Seminar on Flood risks in Nevers
- 14/** PAPI/SLGRI technical meeting
- 15/** National Working Group on PPRI
- 15/** COPIIL National Conference on Natural Hazards,
- 18/** Working Group on national hazard studies
- 18/** National Working Group on Multi-criteria Analysis
- 19/** SCHAPI CODOST meeting
- 19/** CEREMA Seminar on Flood Vulnerability Reduction and Planning
- 20/** Joint Flood Commission
- 25/** CEPRI Expert Committee meeting
- 26/** CEPRI training
- 26/** Breakfast debate on recent floods in Île-de-France organised by the FNCCR in Paris
- 26/** Participatory workshop for the development of the PAPI of the Loing basin, in Montargis

JULY

- 3/** CEPRI General Shareholder Meeting
- 4 and 5/** Joint Flood Commission
- 6/** COPRNM
- 17/** Meeting with Cédric Bourillet, delegate for major risks

SEPTEMBER

- 5/** COPIIL Urban Planning Prize
- 13/** Workshop on co-designing of the European project BE-GOOD in Orléans
- 21/** National Working Group on hazard studies
- 25/** CEPRI training
- 26/** National Working Group on the decree on the reduction of the vulnerability
- 26/** DGSCGC Training

OCTOBER

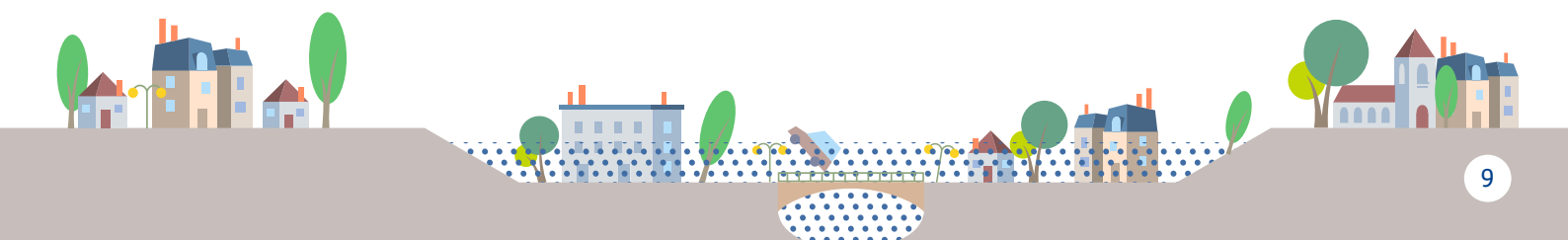
- 2/** SHF seminar and water issues, organised by the SHF in partnership with the water academy
- 9/** PAPI-SLGRI Technical meeting
- 10/** Meeting with Cédric Bourillet
- 10/** CEPRI Board of Directors meeting
- 16/** COPIIL Urban Planning Prize
- 16 and 17/** Working group F in Brussels
- 17/** CEPRI Training
- 24/** GPATIC Conference
- 25/** COPIIL National Conference on Natural Hazards
- 26 and 27/** Climathon in Orléans
- 31/** Territorial Workshops Day

NOVEMBER

- 6/** CEPRI Training
- 9/** PAPI-SLGRI Technical meeting
- 14/** Awards Ceremony for the National Landscape Prize, MTES, laureate: big walk left bank in Rouen
- 20 and 21/** Presence of CEPRI at the AMF Congress
- 21/** CEPRI work meeting on Coastal Risks
- 21/** Technical conference of France Dignes in Nice
- 28/** National Working Group on REX Flood

DECEMBER

- 6/** National Working Group on Multi-criteria Analysis
- 7/** Expert Committee meeting
- 12/** CEPRI Management Committee meeting
- 13/** Joint Flood Commission
- 14/** PAPI/SLGRI technical meeting



ACTIVITIES IN 2018

2018 was the year of the implementation of the new GEMAPI (aquatic environment management and flood prevention), which was made compulsory on 1st January.

In 2018, our activities focused on five areas:

- ▶ **REPRESENTING** local authorities at national level, alongside other associations,
- ▶ **INNOVATING AND DEVELOPING** new tools for local authorities,
- ▶ **SUPPORTING** local authorities in their projects and in the implementation of local policies,
- ▶ **STRUCTURING** a European network,
- ▶ **PROPOSING** a training catalogue on flood risk management, utilising the expertise of a network of experts to establish CEPRI's scientific and technical strategies and drawing on an increasingly rich network of European collaborations.

REPRESENTING LOCAL AUTHORITIES AT NATIONAL LEVEL

TAKING PART IN NATIONAL DISCUSSIONS ON THE DEVELOPMENT OF PUBLIC POLICIES

Actively participating in working groups organised by State representatives to implement the National Flood Risk Management Strategy, and taking part in all consultation procedures regarding the risk of flooding.

CEPRI participated in:

- the Territorial Workshops «Making water a resource for development» organised by Epinal (DREAL Grand Est, DDT 88 and Water Agency) and Auxerre (DDT 89 and Water Agency), as well as other workshops (DHUP: DGALN, DEB, DGPR), project reviews and discussions with our multidisciplinary teams.

Supporting the Ministry of Ecological and Solidary Transition in developing 3rd generation PAPI specifications.

Actively contributing to discussions on legislative and regulatory developments of flood risk management policies. Monitoring the work of the National Hydrometeorological and Flood Forecasting Support Service (SCHAPI) on predicting floods by taking part in its advisory and scientific and technical support committee (CODOST).

CEPRI participated in:

- a SCHAPI CODOST meeting on 19 June 2018.
- working group meetings for the development of the interministerial decree establishing the list of types of works (for the reduction of vulnerability to floods) eligible to the fund for the prevention of major natural risks (FPRNM), within the framework of the Flood Prevention Action Plan (PAPI) programme.
- working group meetings on the vulnerability of networks to natural hazards led by the Institute for Risk Management (IMdR) and the French Association for the Prevention of Natural Disasters (AFPCN).
- the launch of a working group led by the General Council for the Environment and Sustainable Development (CGEDD), with the view to proposing a national system of feedback on flood prevention.





CEPRI organised:

- one afternoon discussion between the state, the local elected officials and MPs on ongoing parliamentary work on the management of the coastline and coastal risks, 21 November 2018 in Paris.

TAKING ACTION TOWARDS 2018 FLOOD RISK MANAGEMENT TOOLS

Assisting in the understanding of texts and methods to contribute to a greater involvement of local and regional authorities in all ongoing processes, particularly in the implementation of the new management of aquatic environments and flood prevention (GEMAPI) jurisdiction.

- CEPRI was invited to participate in two working meetings organised by the MTEs (DGPR) on the implementation of the jurisdiction: one relating to the governance of hydraulic installations and other concerning the guide on risk studies of dyke systems drafted by CEREMA.
- CEPRI was audited by representatives of CGEDD and IGA, appointed by the Minister of State, Minister of the Interior, Minister of Ecological and Solidarity Transition in an engagement letter dated 16 March 2018. The General Inspectorate of Administration (IGA) and the General Council for the Environment and Sustainable Development (CGEDD) were tasked with carrying out an assessment of the consequences of transferring the management of aquatic environments and the prevention of floods (GEMAPI) to public institutions of inter-communal cooperation with their own taxation. This report, explicitly provided for by the law of 30 December 2017 (Fesneau law), must present an assessment of the protection of the national territory against the risks of river flooding and marine submersion, and study the possible institutional and financial developments of this management, particularly on coastal areas, mountain areas and overseas territories.

Ensuring that local authorities are involved as primary participants in the implementation of all new flood risk management tools.

- CEPRI took part in the meetings organised by the DGPR as part of the drafting of a new PPRi decree and actively participated in the public consultation on the draft PPRi decree, inviting its members to provide their feedback.
- CEPRI has presented amendments, in partnership with the AMF, to the 2019 Finance Law, to allow better optimisation of the use of the Barnier Fund. These amendments, voted for by the senators, were not retained in the final discussion by the deputies.

PROVIDING EXPERTISE TO THE JOINT FLOOD COMMISSION (CMI - COMMISSION MIXTE INONDATION) AND TO THE ADVISORY BOARD FOR THE PREVENTION OF MAJOR NATURAL HAZARDS (COPRNM - CONSEIL D'ORIENTATION POUR LA PRÉVENTION DES RISQUES NATURELS MAJEURS)

Providing support to CEPRI representatives and, at their request, to those from other national associations of local authorities on policy issues and on project labelling within the CMI and COPRNM.

- CEPRI took part in all CMI meetings, along with its elected representatives: Marie France Beaufils, co-president of the CMI, Noel Faucher, appointed under the AMF and ANEL, and Alain Chambard, appointed under the CEPRI. Five meetings were held in 2018: 8 February, 5 April, 20 June, 4 and 5 July, and 13 December.
- CEPRI participated in a COPRNM meeting on 6 July 2018.





INNOVATING BY DEVELOPING NEW TOOLS: ADAPTATIONS FOR LIVING IN FLOOD ZONES ALONG RIVERS AND COASTLINES

DEEPENING OUR KNOWLEDGE

CEPRI participated in:

- a workshop entitled «Aquifers in Center-Val de Loire: state of knowledge through the SIGES» organised by the BRGM on April 13 2018 in Orleans.

Supporting the deployment of the multi-criteria analysis (CMA) methodology.

- CEPRI participated in the working group meetings organised by the CGDD on the development and improvement of the multi-criteria analysis (AMC) method.
- CEPRI is finalising a guide on the AMC method for elected representatives and public decision-makers. It will be published and distributed during the first quarter of 2019.

Taking part in discussions to ensure better consideration of the risk of runoff.

CEPRI participated in:

- the meetings of the working group of the Evaluation Project on the Effectiveness of Public Policies for Actions to Reduce Impacts of Runoff (EVAPORE) carried out by the Research Association on Runoff, Erosion and Soil Management (AREAS), the University of Rouen and the BRGM. Two meetings were held in Rouen in 2018: 6 February and 4 December.
- CEREMA and Mediterranean Arc interministerial flood mission working group meeting on runoff on 12 April 2018.

Supporting the deployment of the national vulnerability repository:

CEPRI participated in:

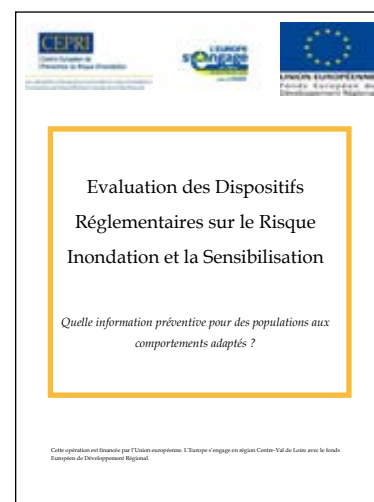
- one of the PAPI III training days for decentralised State services, organised by the General Directorate for Risk Prevention on October 9 2018 in Paris.

RAISING AWARENESS AND PARTICIPATING IN THE ENCOURAGEMENT OF APPROPRIATE BEHAVIOUR AMONGST THE POPULATION

Proposing recommendations on the development of tools and awareness strategies.

Structuring an overview of the use of new information and communication technologies in terms of risk awareness.

- CEPRI has published an EDRRIS summary report entitled «Evaluation of the Regulatory Devices on Flood Risk and Awareness».



CEPRI participated in:

- the open day «Prevention and risk culture, devices and tools in Picardie», organised by the URCPIC of Picardie on 13 March.
- the seminar «Flood Risk culture in the Seine-Normandy Basin»: a look back at the winners of the 2017 risk culture prize, organised by the DRIEE on 6 June 2018.
- the conference «Flooding, towards an enhanced culture – let's get creative to learn how to live with the risks», Plan Rhône, 11 December.
- climathon entitled «Flood risk: how can we deal with it?» organised by Orléans Métropole on 26 and 27 October 2018 in Orléans.

SUSTAINABLE PLANNING WHILST HELPING AREAS ADAPT TO CLIMATE CHANGE

CEPRI participated in:

- the working group meeting entitled «Risks and resilience in the context of adapting to climate change», part of the Orléans Métropole Air and Territorial Climate Plan (PCAET), 6 February 2018.

Working on a report that takes into account the different types of flood risks in urban planning documents, in relation to changes in the PPR tool.

- CEPRI has finalized a guide on the consideration of flood risk in PLUs (i). This work, which began in 2014, compiles a large number of examples of communal and intercommunal PLUs in the metropolitan area, dealing with problems of flooding due to slow and fast overflows of watercourses, marine submersion and runoff. It is intended to raise awareness amongst elected representatives and their partners and encourage them to take into account the different types of flood risk in their PLU (i) and to illustrate current practices. It offers recommendations for better integrating flood risks into local planning.

Supporting local authorities in seizing urban renewal operations to reduce the vulnerability of certain areas.

- Throughout 2018, CEPRI has supported several areas in reflecting on how to integrate different flood risks into their spatial planning policies: Bordeaux Métropole (e.g. study regarding the refuge zones of the Ambès Peninsula, the GEMAPI jurisdiction, the content of the PPRi under review), Nantes Métropole (support in the context of the development of the Metropolitan PLU, etc.), Grenoble Alpes Métropole (discussion on the content of the OAP Resilience, the GEMAPI jurisdiction in particular), Orléans Métropole (support in setting up the PAPI, participation in the Climathon on the area's resilience to flood risks), the Regional Center (proposals for taking into account the risk of flooding, particularly under SRADDET).
- CEPRI has also contributed to the work of the Regional Land Observatory's working group in Île-de-France, focusing on good practices to promote sustainable development, particularly on «planning with flood risks». A report was published by the ORF in May 2018.
- CEPRI has also presented its work at several working meetings, conferences and events: visit of the banks of the Seine organised by Grand Paris Aménagement in Choisy-le-Roi (16/01), Basin Seminar entitled

«Flood vulnerability: how can we evaluate it and take it into account in planning and urban projects?», organised by the DRIEE in Paris (22/05), CEREMA Seminar on Flood Vulnerability and Planning (19/06), a conference entitled «planning with flood risks, a dialogue to be built» organised by the MTES and the CEREMA (24/10), and a meeting with DEAL Guyane in Paris (30/10).

CEPRI's participation in these events reflect its strong commitment to investing in urban planning, helping key players within the urban planning industry to take better control of the risk of flooding.

Initiating a discussion to enable the deployment of solutions with multiple benefits within the context of development projects incorporating more water and the associated flood risks.

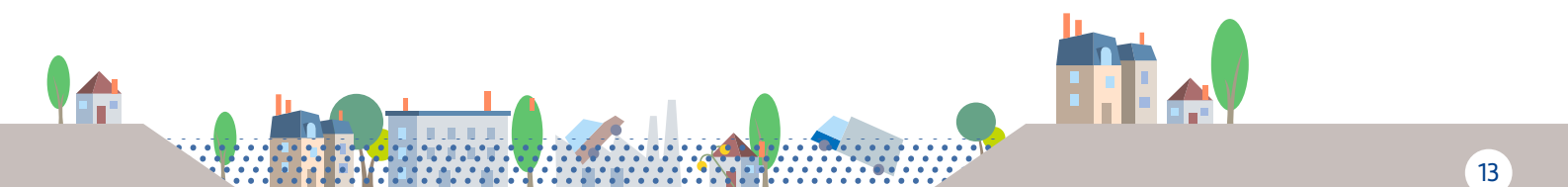
- During 3 months, CEPRI hosted a student from the Ecole des Ponts Paris Tech and Agro Paris Tech, whose mission focused on the link between thermal renovation and reduction of vulnerability on a suburban level in France. This work was based on a substantial bibliography on the two subjects, as well as about fifteen interviews. A report was then drawn up and a feedback meeting was organised with those involved and interested in pursuing this approach with CEPRI. At the end of the project, a collaboration was initiated with the Région Centre Val de Loire as part of the energy renovation program for housing carried out by the community «Energétis». CEPRI came to present its work at two meetings, one attended by consulting firms developing energy performance diagnoses for private homes, and the other attended by energy advisers.
- The student was also invited, to present the initiative during a plenary meeting on 21 December by the Envirobat association, an entity bringing together construction professionals.

CEPRI participated in:

- a flood day organised by the France Nature Environment association on 30 May in Rouen.
- a conference day entitled «Storms and floods, adapting to new climates», organised by SYAGE on 17 May 2018

Participation in a discussion on the development of a «DTU flood».

- CEPRI suggested working together with CSTB and MRN on the issue of flood-adapted construction.



MANAGING CRISES/ ANTICIPATING THE RETURN TO NORMAL CONDITIONS

Supporting local authorities in testing pilot operations and services and reinforcing the activity continuity plan (PCA) method as a necessary support system for crisis management and restoring normal conditions.

Identifying the key issues in returning to normal conditions and post-disaster reconstruction, including the concept of «Build Back Better».

Producing simple, functional and useful documents for crisis management.

On pilot sites, testing the CEPRI guide on mass evacuation planning.

→ the conference on «Flood Forecasting and Crisis Management» organised by the Hydrotechnical Society of France on 14 and 15 November in Avignon.

→ the IRMA conference entitled «Vigilance, alertness and safeguarding: planning your specific flood plan» on 4 December in Valencia.

ORGANISING ACQUISITION OF GEMAPI JURISDICTION

Supporting local authorities in acquiring GEMAPI jurisdiction through exchanging good practices, drafting educational documents and participating in meetings and training sessions.

Supporting efforts to improving legislative and regulatory provisions.

The jurisdiction came into effect on 01/01/2018 and prompted many new questions among members of CEPRI and the national PAPI / SLGRI network. CEPRI provided answers on what the GEMAPI jurisdiction involves, in particular in relation to flood prevention: definition of dyke systems, ownership of works, link with crisis management, authorisation procedure, development and content of hazard studies, etc.

→ CEPRI spoken about the new jurisdiction on several occasions: technical conferences organised by France Dignes in Saint-Brieuc («BABA Dykes» on 04/04) and Nice («Study of Dike dangers: A tool for crisis management») 21/11), the regional conference of the ADGCF on the GEMAPI jurisdiction in Clermont Ferrand (26/04), and a class of elected officials organised by Loiret Nature Environnement in Nogent-sur-Vernisson (22/02).

As an associate member of France Dignes, CEPRI participated in the association's general shareholder meeting in Paris (21/03) and in the technical committee meeting on 29/11 in Lyon, during which the complementary actions conducted by both structures were discussed.

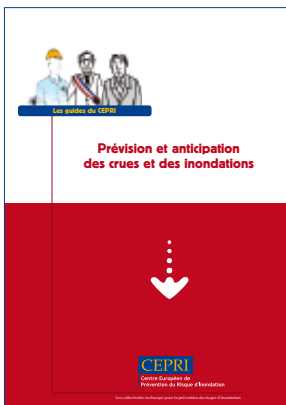
CEPRI participated in:

→ the technical information and discussion day on «the operational implementation of the GEMAPI jurisdiction» organised by the Arra² on 20 March 2018 in Clermont-Ferrand.

→ the technical conference entitled «Ecological engineering and Gemapi: towards an integrated vision of the challenges of a territory» organized by the Astee, on 6th November, 2018, in Paris.

→ the technical information and discussion day on «land strategies for restoration operations and aquatic environment management» organised by Arra² on 9 November 2018 in Vienna.

→ In early 2018, CEPRI published its new guide on the forecasting and anticipation of floods, aiming to clarify the framework for forecasting floods in metropolitan France but also in overseas territories. It was also intended to demonstrate which tools can be used to better anticipate these phenomena across different areas, and to propose, on the basis of local experiences, a number of methodologies to enable local and regional authorities to make better use of these tools.



→ CEPRI has initiated a project to develop support documents on crisis management, crisis resolution and restoration.

→ CEPRI also engaged in discussions with the French Red Cross-PIRAC (Regional Intervention Platform for the Americas and the Caribbean) on the draft constitution of a communal pool of civil security in the city of Kourou (French Guiana).

→ CEPRI also took part in the two training sessions organised by the DGSCGC on flood risk for prefectures and the national police force.

CEPRI participated in:

→ the EURIDICE conference on 12 March in Paris.

→ the IRMA technical conference entitled «Inter-Assistance and Crisis Management» on 17 May 2018 in Toulon.

→ the 10th technical conference of forecasters at the EP and the Loire-Cher-Indre flood forecasting centre on 29th May, in Orléans.

→ the RAITAP project conference entitled «Anticipating the recovery of affected territories» on 1st June in Paris.

→ the 3rd meeting of the working community «Mediterranean Arc Flooding» on 4 October in Aix-en-Provence.



SUPPORTING LOCAL AUTHORITIES IN THEIR LOCAL POLICIES

SUPPORTING LOCAL PILOT ACTIONS CARRIED OUT BY COMMUNITIES WITHIN THE CONTEXT OF LOCAL RISK MANAGEMENT STRATEGIES AND FLOOD PREVENTION ACTION PROGRAMMES

Supporting the implementation of local strategies and PAPIs, taking into account, in particular, changes in the PAPI system related to the new specifications, which will come into effect on 1 January 2018 (AMC, environmental analysis, etc.).

- CEPRI has written a report for the Loiret County Council entitled «Flood risks in Loiret: status and reflections on a strategy to support municipalities in flood prevention by the County Council.»

CEPRI participated in:

- the work carried out by the SLGRI Francilienne economic committee.
- the steering committee's project on developing tools to raise awareness amongst regional economic actors to reduce the vulnerability of economic activities and public services to flood risks, developed within the framework of SLGRI Francilienne, 28 September.
- the participatory workshop for the development of PAPI of the Loing basin, 28 June in Montargis.

PROMOTING THE SHARING OF EXPERIENCES BETWEEN OPERATIONAL ACTORS

Nurturing networks and using them to our advantage, sharing and circulating good flood management practices. Developing and expanding our audience, with particular attention to:

- local authorities and State services supporting future local risk management strategies,
- current and future PAPI leaders and their contractual partners.

As part of the PAPI/SLGRI network organised by CEPRI in partnership with the DGPR, CEPRI facilitated 5 conferences:

- 16 February 2018: «Implementation of the GEMAPI jurisdiction: how can we meet the obligations of the 2015 decree?»;
- 10 April 2018: «Post-crisis management and restoration»;
- 9 October 2018: «Public awareness of the risk of flooding and public mobilisation in prevention policies»;
- 9 November 2018: «European projects and funding for flood risk prevention»;
- 14 December 2018: «Taking flood risk into account in urban planning: what tools and approaches should we be using for adaptation projects?».



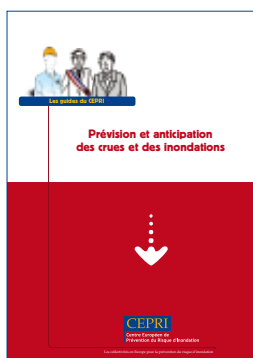
CEPRI also participated in:

- the Seine Plan technical committee meetings.
- the strategic committee meeting «Flooding and metropolis of Ile-de-France of SLGRI» on 5 March.
- the conference for PAPI and SLGRI supporters within the Seine-Normandy Basin, 11 April in Paris.
- the meeting on the Orléans TRI SLGRI organised by Orléans Métropole in Sandillon, 8 November.

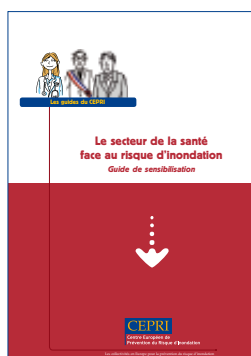
ENRICHING THE RESOURCE CENTRE OPEN TO LOCAL AUTHORITIES

Through the **CEPRI website**, notes related to important documents (reports, decrees, circulars) can be drafted and communicated, and teaching guides and reports related to the problems encountered by local authorities can be produced and distributed.

The CEPRI resource centre now includes two new guides:



- «Forecasting and anticipating floods».



- «The health sector in the face of flood risks. An awareness guide».

- CEPRI has updated its website regarding projects carried out during 2018. It regularly updates the sections dedicated to CEPRI members and the PAPI/SLGRI network.
- CEPRI's English site is also regularly updated, allowing our European counterparts to learn about our resource centre.



STRUCTURING A EUROPEAN NETWORK

ORGANISING A NETWORK OF GOOD PRACTICES AMONGST EUROPEAN PARTICIPANTS

Maintaining and developing collaborations based on all areas of CEPRI's work.

- CEPRI has issued some European calls for proposals with a view to discovering new ways of funding for its members.

PARTICIPATING IN ONGOING EUROPEAN PROJECTS

Integrating European projects initiated within the framework of the 2014–2020 period.

- CEPRI has established links with National Contact Points of European Programs (H2020, ESPON) and aims to integrate the Mayors Conference as a support centre in the near future.





International organisations

- World Meteorological Organisation
- United Nations Office for Disaster Risk Reduction
- Global Risk Forum

European organisations

- Covenant of Mayors for Climate and Energy
- DG ECHO European Commission
- European Investment Bank
- Joint Research Center
- DG Environment European Commission
- DG Migration and Home Affairs

The Netherlands

- Ministry of Infrastructures and the Environment
- UNESCO - IHE
- City of Nijmegen
- City of Rotterdam
- City of Dordrecht
- Wageningen Environmental Research
- Rijkswaterstaat
- Hoogheemraadschap Hollands Noorderkwartier
- HKV Consultants / DeltaSync / Deltares

Belgium

- European Strategic Intelligence Company
- Benelux Flood Defence Systems
- Scientific and Technical Center of Construction
- Flemish Environment Agency
- Public Service of Wallonia
- West vlaamse intercommunale
- Catholic University of Louvain
- International Commission of the Meuse





MONITORING THE WORK OF THE EUROPEAN INSTITUTIONS ON THE FLOOD DIRECTIVE AND ON CIVIL SECURITY ISSUES

Participating in the Working Group F of the European Commission and in the «Community of Users» working group.

Monitoring the implementation of European projects related to flood risk (H2020, Interreg...).

- Upon being asked by the leader of the European project H2020 ESPREsSO «Enhancing Synergies for Disaster Prevention in the European Union» – being a member of its monitoring committee – CEPRI contributed to the final report of the project «Vision Paper on future research strategies following the Sendai Framework for DRR 2015–2030».

CEPRI participated in:

- the consultation meeting on 23 January on the European Union strategy on adaptation to climate change in Brussels.
- the conference on 2 February on the H2020 «Security» programme in Brussels.
- the «A Community of Users for Secure, Safe And Resilient Societies» conferences on natural disasters, 4 – 6 June 2018 in Brussels.
- the co-construction workshop on the BE-GOOD European project, 13 September in Orléans.
- working Group F meetings: 20 – 23 March in Paris and 16 – 17 October in Brussels.
- the stakeholder forum on European project H2020 ESPREsSO «Enhancing Synergies for Disaster Prevention in the European Union», 18 October in Brussels.
- the 3rd working group of European project H2020 ANYWHERE «Enhancing emergency management and response to extreme Weather and climate Events» and in testing the tools developed as part of this project.
- the various working group to develop the LIFE ARTISAN project.
- the «European funding for research and urban innovation» conference organised by the IdF Region in Paris on 12 July.

OFFERING TRAINING ADAPTED TO THE NEEDS OF LOCAL AUTHORITIES

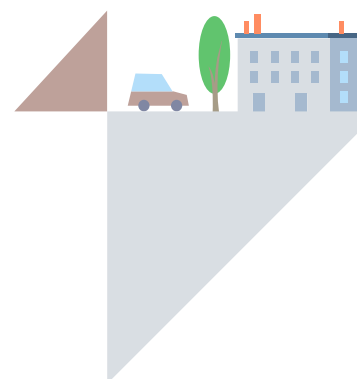
Enabling better appropriation of the methodologies outlined in CEPRI's guides and providing local authority representatives with tools to help them make public decisions that are best suited to their territory.

CEPRI participated in:

- the territorial water day organised by the CNFPT Montpellier on 25 September 2018.

CEPRI organised several training sessions:

- 17 May 2018 on «Planning and flood risk session 1: integration of flood risk into urban planning documents and planning».
- 7 and 8 June for the Montpellier CNFPT on «The essentials of flood risk».
- 26 June, 2018 on «Reducing Vulnerability».
- 25 September 2018 on «The management of protective structures within the new framework of the GEMAPI Jurisdiction».
- 17 October 2018 on «The essentials of flood risk».
- 6 November 2018 on «Planning and flood risk session 2: integration of flood risk into planning operations and operational urban planning».



2018 FINANCIAL REPORT

The 2018 budget was closed at **€8.4K in deficit**, of which €382K can be accounted for by business grants, €182K by contributions and €30K by services.

Expenses amounted to €646K, including €512K for salaries and charges, €14.5K for external services, €18K for publishing, €25.5K for travel expenses and €31.5K for hospitality expenses.

In addition to the 2018 revenue of €608.5K, €29 K is to be carried forward from 2017. In light of this, **2018 activities recorded a deficit of €8.4K**.

Members' contributions totalled €131K and PAPI-SLGRI network memberships €51K.



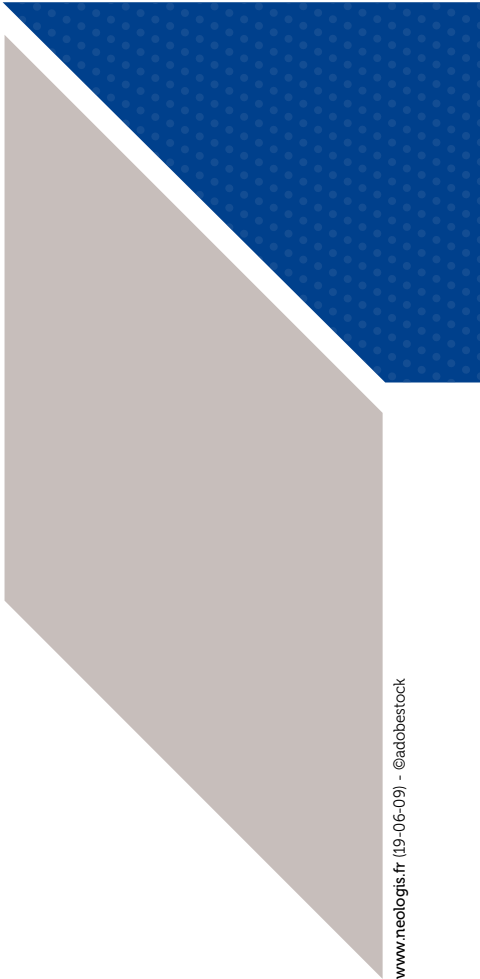
2018 SUMMARY TABLE (with 2017 and 2016 comparison)

Income (€k)	2018	2017	2016
Members' contributions	131	128.5	121.5
Business grants	382	402.5	504.6
Network membership	51	49.2	51.2
Exceptional income			
Other contributions	14	0	1
Training services	30	29.4	1.7
TOTAL	608	609.6	680

Expenses (€k)	2018	2017	2016
Salaries and expenses	526	483.3	527
External services	21	18	27
Publications, brochures	18	45.4	33
Rentals	20.5	31	26
Travel expenses	25.5	34	58
Conferences and seminars	1	1	3
Hospitality expenses	31.5		
Exceptional expenses			
Miscellaneous	3	3	4
TOTAL	646.5	615.7	678

	2018	2017	2016
Operating profit	- 38	- 6	+ 1.3
Current result	- 37	- 4.7	+ 2.5
Extraordinary result	0	0	0
Carried forward from year N-1	+ 29	+ 35	+ 36
Carried forward to year N+1		- 29	- 35
SURPLUS OR DEFICIT (in €K)	- 8.4	+ 1	+ 3





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